Artificial Intelligence 90 (1997) 355-364

Artificial Intelligence

Master Index-Volumes 81-90

(For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words.)

Adcock, J., see Charniak, E.	85 (1996)	45- 57
Ahuja, N., see Das, S.	83 (1996)	
Almuallim, H.	00 (1220)	
An efficient algorithm for optimal pruning of decision trees	83 (1996)	347-362
Ash, D. and B. Hayes-Roth	(,	
Using action-based hierarchies for real-time diagnosis	88 (1996)	317-347
Auton, L.D., see Crawford, J.M.	81 (1996)	
Baader, F., M. Buchheit and B. Hollunder		
Cardinality restrictions on concepts	88 (1996)	195-213
Bacchus, F., A.J. Grove, J.Y. Halpern and D. Koller		
From statistical knowledge bases to degrees of belief	87 (1996)	75-143
Bagchi, A., see Sen A.K.	86 (1996)	43- 73
Balcázar, J.L.		
The complexity of searching implicit graphs (Research		
Note)	86 (1996)	171-188
Basili, R., M.T. Pazienza and P. Velardi		
An empirical symbolic approach to natural language pro-		
cessing	85 (1996)	59- 99
Baumgartner, P., U. Furbach and F. Stolzenburg		
Computing answers with model elimination	90 (1997)	135-176
Becker, A. and D. Geiger		
Optimization of Pearl's method of conditioning and greedy-		
like approximation algorithms for the vertex feedback set		
problem	83 (1996)	167-188
Ben-Eliyahu, R. and R. Dechter		
Default reasoning using classical logic	84 (1996)	113-150
Bennett, S.W., see DeJong, G.F.	89 (1997)	173-217
Berliner, H.J. and C. McConnell		
B* probability based search	86 (1996)	97-156

Elsevier Science B.V.

Blum, A.L. and M.L. Furst		
Fast planning through planning graph analysis	90 (1997)	281-300
Borgida, A.		
On the relative expressiveness of description logics and pred-		
icate logics (Research Note)	82 (1996)	353-367
Boutilier, C.		
Abduction to plausible causes: an event-based model of be-		
lief update	83 (1996)	143-166
Boutilier, C., see Dearden, R.	89 (1997)	219-283
Brooks, R.R., S.S. Iyengar and J. Chen		
Automatic correlation and calibration of noisy sensor read-		
ings using elite genetic algorithms	84 (1996)	339-354
Buchheit, M., see Baader, F.	88 (1996)	195-213
Bundy, A., F. Giunchiglia, R. Sebastiani and T. Walsh		
Calculating criticalities	88 (1996)	39- 67
Bylander, T.		
A probabilistic analysis of propositional STRIPS planning	81 (1996)	241-271
Cadoli, M., F.M. Donini and M. Schaerf		
Is intractability of nonmonotonic reasoning a real draw-		
back?	88 (1996)	215-251
Carroll, G., see Charniak, E.	85 (1996)	45- 57
Cassandra, A., see Charniak, E.	85 (1996)	45- 57
Chakrabarti, P.P., see Dasgupta, P.	82 (1996)	237-257
Charniak, E., G. Carroll, J. Adcock, A. Cassandra, Y. Gotoh,		
J. Katz, M. Littman and J. McCann		
Taggers for parsers	85 (1996)	45- 57
Chella, A., M. Frixione and S. Gaglio		
A cognitive architecture for artificial vision	89 (1997)	73-111
Chen, J., see Brooks, R.R.	84 (1996)	339-354
Chickering, D.M., see Korf, R.E.	84 (1996)	299-337
Clearwater, S.H. and T. Hogg		
Problem structure heuristics and scaling behavior for genetic		
algorithms	81 (1996)	327-347
Cohen, P. and B. Porter		
Editorial	85 (1996)	1- 2
Cooper, M.C.		
Fundamental properties of neighbourhood substitution in constraint satisfaction problems	90 (1997)	1- 24
Cooper, R., J. Fox, J. Farringdon and T. Shallice	20 (1321)	
A systematic methodology for cognitive modelling	85 (1996)	3- 44
Crawford, J.M. and L.D. Auton	00 (1))0)	5 11
Experimental results on the crossover point in random 3-		
SAT	81 (1996)	31- 57
Crawford, J.M., see Schrag, R.	81 (1996)	
	52 (1770)	.,,

Demiliha A and I David		
Darwiche, A. and J. Pearl On the logic of iterated belief ravision	90 /1007	1 20
On the logic of iterated belief revision Das, S. and N. Ahuja	69 (1997) 1- 29
•		
Active surface estimation: integrating coarse-to-fine image acquisition and estimation from multiple cues	92 (1006	241 266
	83 (1996) 241–266
Dasgupta, P., P.P. Chakrabarti and S.C. DeSarkar	93 (1006	227 257
Searching game trees under a partial order Dearden, R. and C. Boutilier	82 (1996) 237–257
	90 /1007	210 202
Abstraction and approximate decision-theoretic planning) 219–283
De Bruin, A., see Plaat, A.) 255-293
Dechter, A., see Dechter, R.	82 (1996) 1- 20
Dechter, R. and A. Dechter	00 (100/	
Structure-driven algorithms for truth maintenance	*) 1- 20
Dechter, R., see Ben-Eliyahu, R.) 113–150
Dechter, R., see Meiri, I.	86 (1996) 245–267
DeJong, G.F. and S.W. Bennett		
Permissive planning: extending classical planning to uncer-		
tain task domains	*) 173–217
DeJong, G.F., see Gratch, J.) 101–142
Del Favero, B., see Pradhan, M.	85 (1996)	363–397
Delgrande, J.P. and T.H. Schaub		
Compiling specificity into approaches to nonmonotonic rea-		
soning	,	301-348
DeSarkar, S.C., see Dasgupta, P.	82 (1996)	237–257
Devanbu, P.T. and D.J. Litman		
Taxonomic plan reasoning	84 (1996)	1- 35
Dietterich, T.G., R.H. Lathrop and T. Lozano-Pérez		
Solving the multiple instance problem with axis-parallel		
rectangles	89 (1997)	31- 71
F.J. Díez		
Local conditioning in Bayesian networks	87 (1996)	1- 20
Donini, F.M., see Cadoli, M.	88 (1996)	215-251
Dyer, M.E., see Smith, B.M.	81 (1996)	155-181
Dzubera, J., see Whitley, D.	85 (1996)	245-276
T. Eiter, G. Gottlob and N. Leone		
Semantics and complexity of abduction from default theo-		
ries	90 (1997)	177-223
Elkan, C.P., see Segre, A.M.	85 (1996)	301-319
Ephrati, E. and J.S. Rosenschein	,	
Deriving consensus in multiagent systems	87 (1996)	21- 74
Etzioni, O., K. Golden and D.S. Weld		
Sound and efficient closed-world reasoning for planning	89 (1997)	113-148
Farringdon, J., see Cooper, R.	85 (1996)	3- 44
	()	

Fink, E. and Q. Yang		
Automatically selecting and using primary effects in plan-		
ning: theory and experiments	89 (1997	285-315
Fox, J., see Cooper, R.		3- 44
Fox, M.S., see Sadeh, N.) 1- 41
Freeman, J.W.	, , , , , ,	,
Hard random 3-SAT problems and the Davis-Putnam pro-		
cedure	81 (1996) 183-198
Freksa, C.		
Erratum to: "Temporal reasoning based on semi-intervals"	87 (1996	387
Frixione, M., see Chella, A.	89 (1997) 73-111
Furbach, U., see Baumgartner, P.	90 (1997) 135-176
Furst, M.L., see Blum, A.L.	90 (1997) 281-300
Caslia M. sas Challa A	90 (1007	72 111
Gaglio, M., see Chella, A. Geiger, D. and D. Heckerman	69 (1997) 73–111
Knowledge representation and inference in similarity net-		
works and Bayesian multinets	82 (1006) 45- 74
Geiger, D., see Becker, A.) 167–188
Gent, I.P. and T. Walsh	03 (1990) 107-100
The satisfiability constraint gap	81 (1006)	59- 80
Gent, I.P. and T. Walsh	01 (1990)) 39- 80
The TSP phase transition (Research Note)	88 (1996)	349-358
Gillies, D.F., see Kwoh, CK.		1- 38
Giunchiglia, F., see Bundy, A.	*	39- 67
Golden, K., see Etzioni, O.		113-148
Golding, A.R. and P.S. Rosenbloom	05 (1557)	115 140
Improving accuracy by combining rule-based and case-based		
reasoning	87 (1996)	215-254
Goldszmidt, M. and J. Pearl	0, (1),0,	-10 -20 1
Qualitative probabilities for default reasoning, belief revi-		
sion, and causal modeling	84 (1996)	57-112
Gomatam, J., see Reynolds, D.		303-330
Gomatam, J., see Reynolds, D.	,	375-390
Gordon, G.J., see Segre, A.M.	85 (1996)	
Gotoh, Y., see Charniak, E.	85 (1996)	
Gottlob, G., see Eiter, T.	90 (1997)	
Gratch, J. and G.F. DeJong	, , , , ,	
A statistical approach to adaptive problem solving	88 (1996)	101-142
Greiner, R.		
PALO: a probabilistic hill-climbing algorithm	84 (1996)	177-208
Greiner, R. and P. Orponen		
Probably approximately optimal satisficing strategies	82 (1996)	21- 44
Grosz, B.J. and S. Kraus		
Collaborative plans for complex group action	86 (1996)	269-357

Grove, A.J., see Bacchus, F.	87 (1996) 75–143	,
Halpern, J.Y., see Bacchus, F.	87 (1996) 75–143	,
Hansson, S.O.	07 (1990) 73-143	,
Knowledge-level analysis of belief base operations	82 (1996) 215-235	
Hansson, S.O.	02 (1990) 213-233	
A test battery for rational database updating (Research		
Note)	82 (1996) 341-352	
Hayes-Roth, B., see Ash, D.	88 (1996) 317-347	
Heckerman, D., see Geiger, D.	82 (1996) 45- 74	
Henrion, M., see Pradhan, M.	85 (1996) 363–397	
Hickey, R.J.	(1110) 000 071	
Noise modelling and evaluating learning from examples	82 (1996) 157-179	
Hirsch, R.	, , , , , , , , , , , , , , , , , , , ,	
Relation algebras of intervals	83 (1996) 267-295	
Hogg, T.		
Refining the phase transition in combinatorial search	81 (1996) 127-154	
Hogg, T., B.A. Huberman and C.P. Williams		
Phase transitions and the search problem (Editorial)	81 (1996) 1- 15	
Hogg, T., see Clearwater, S.H.	81 (1996) 327-347	
Hollunder, B., see Baader, F.	88 (1996) 195-213	
Holte, R., T. Mkadmi, R.M. Zimmer and A.J. MacDonald		
Speeding up problem solving by abstraction: a graph ori-		
ented approach	85 (1996) 321-361	
Huang, K., see Pradhan, M.	85 (1996) 363-397	
Huang, Z., M. Masuch and L. Pólos		
ALX, an action logic for agents with bounded rationality	82 (1996) 75–127	
Hubermann, B.A., see Hogg, T.	81 (1996) 1- 15	
Iwanuma, K. and K. Oota		
An extension of pointwise circumscription (Research Note)	86 (1996) 391-402	
Iyengar, S.S., see Brooks, R.R.	84 (1996) 339–354	
Lyongai, old, are broad, the	01 (1770) 007 001	
Joskowicz, L., see Nayak, P.P.	83 (1996) 193–227	
Kambhampati, S., S. Katukam and Y. Qu		
Failure driven dynamic search control for partial order plan-		
ners: an explanation based approach	88 (1996) 253-315	
Kambhampati, S. and D.S. Nau	00 (1770) 200 010	
On the nature and role of modal truth criteria in planning	82 (1996) 129-155	
Katukam, S., see Kambhampati, S.	88 (1996) 253-315	
Khardon, R. and D. Roth	()	
Reasoning with models	87 (1996) 187-213	
Katz, J., see Charniak, E.	85 (1996) 45- 57	
Kirkpatrick, S., see Selman, B.	81 (1996) 273-295	
King, R.D., see Srinivasan, A.	85 (1996) 277–299	
	, ,	

Kleiter, G.D.		
Propagating imprecise probabilities in Bayesian networks	88 (1996)	143-161
Koehler, J.		
Planning from second principles	87 (1996)	145-186
Koller, D., see Bacchus, F.	87 (1996)	75-143
Kondrak, G. and P. van Beek		
A theoretical evaluation of selected backtracking algorithms	89 (1997)	365-387
Korf, R.E. and D.M. Chickering		
Best-first minimax search	84 (1996)	299-337
Korf, R.E., see Zhang, W.	81 (1996)	223-239
Kraus, S.		
An overview of incentive contracting	83 (1996)	297-346
Kraus, S., see Grosz, B.J.	86 (1996)	269-357
Kuru, S., see Say, A.C.C.	83 (1996)	75-141
Kwoh, CK. and D.F. Gillies		
Using hidden nodes in Bayesian networks	88 (1996)	1- 38
Lakemeyer, G.		
Limited reasoning in first-order knowledge bases with full		
introspection	84 (1996)	209-255
Langrana, N., see Steinberg, L.	84 (1996)	37- 56
Lathrop, R.H., see Dietterich, T.G.	89 (1997)	31- 71
Leone, N., see Eiter, T.	90 (1997)	177-223
Levesque, H.J., see Mitchell, D.G.	81 (1996)	111-125
Levesque, H.J., see Selman, B.	81 (1996)	17- 29
Levesque, H.J., see Selman, B.	82 (1996)	259-272
Liau, CJ. and B.I-P. Lin		
Possibilistic reasoning-a mini-survey and uniform seman-		
tics	88 (1996)	163-193
Lin, B.I-P., see Liau, CJ.	88 (1996)	163-193
Lin, J.		
Integration of weighted knowledge bases	83 (1996)	363-378
Lin, J.		
A semantics for reasoning consistently in the presence of		
inconsistency	86 (1996)	75- 95
Litman, D.J., see Devanbu, P.T.	84 (1996)	1- 35
Littman, M., see Charniak, E.	85 (1996)	45- 57
Lobo, J. and C. Uzcátegui		
Abductive consequence relations	89 (1997)	149-171
Lozano-Pérez, T., see Dietterich, T.G.	89 (1997)	31- 71
MacDonald, A.J., see Holte, R.	85 (1996)	321-361
Masuch, M., see Huang, Z.	82 (1996)	75-127
Mathias, K., see Whitley, D.	85 (1996)	245-276
McCann, J., see Charniak, E.	85 (1996)	45- 57

McConnell, C., see Berliner, H.J.	86 (1996	97-156
McKeown, K., see Robin, J.		135-179
Meiri, I.	00 (1330	, 100 117
Combining qualitative and quantitative constraints in tempo-		
ral reasoning	87 (1996)	343-385
Meiri, I., R. Dechter and J. Pearl	. (,
Uncovering trees in constraint networks	86 (1996)	245-267
Mitchell, D.G. and H.J. Levesque	(
Some pitfalls for experimenters with random SAT	81 (1996)	111-125
Mitchell, D.G., see Selman, B.	,	17- 29
Mkadmi, T., see Holte, R.		321-361
Moses, Y. and M. Tennenholtz	,	
Off-line reasoning for on-line efficiency: knowledge bases	83 (1996)	229-239
Muggleton, S.H., see Srinivasan, A.		277-299
Non D.C. and Kambhamanti C	93 (1006)	120 155
Nau, D.S., see Kambhampati, S.	82 (1990)	129–155
Nayak, P.P. and L. Joskowicz		
Efficient compositional modeling for generating causal ex-	93 (1006)	193-227
planations Nilsson, N.J.	65 (1990)	193-221
Book Review of Artificial Intelligence: A Modern Approach		
(Stuart Russell and Peter Norvig)	82 (1006)	369-380
(Stuart Russell and Feter Norvig)	62 (1990)	309-360
Oota, K., see Iwanuma, K.	86 (1996)	391-402
Orponen, P., see Greiner, P.	82 (1996)	21- 44
	05 (1006)	5 0 00
Pazienza, M.T., see Basili, R.	85 (1996)	
Pearl, J., see Darwiche, A.	89 (1997)	
Pearl, J., see Goldszmidt, M.	84 (1996)	
Pearl, J., see Meiri, I.	86 (1996)	245-267
Pemberton, J.C. and W. Zhang		
Epsilon-transformation: exploiting phase transitions to solve	04 (1006)	207 225
combinatorial optimization problems	81 (1996)	
Pijls, W., see Plaat, A.	87 (1996)	255-293
Plaat, A., J. Schaeffer, W. Pijls and A. de Bruin	07 (1006)	255 202
Best-first fixed-depth minimax algorithms	87 (1996)	
Pólos, L., see Huang, Z.	82 (1996)	15-121
Poole, D.		
Probabilistic conflicts in a search algorithm for estimating	99 (1006)	(0.100
posterior probabilities in Bayesian networks	88 (1996)	69-100
Porter, B., see Cohen, P.	85 (1996)	1- 2
Pradhan, M., M. Henrion, G. Provan, B. del Favero and		
K. Huang		
The sensitivity of belief networks to imprecise probabilities:	95 (1006)	262 207
an experimental investigation	85 (1996)	303-397

Prosser, P.		
An empirical study of phase transitions in binary constraint		
satisfaction problems		81-109
Provan, G., see Pradhan, M.	85 (1996)	363–397
Qu, Y., see Kambhampati, S.	88 (1996)	253-315
Ram, A. and J.C. Santamaría		
Continuous case-based reasoning		25- 77
Rana, S., see Whitley, D.	85 (1996)	245-276
Reeke Jr, G.N.		
Book Review of The Computational Brain (Patricia S.		
Churchland and Terrence J. Sejnowski)	82 (1996)	
Reichgelt, H., see Vila, L.	83 (1996)	59- 74
Reynolds, D. and J. Gomatam		
Stochastic modelling of Genetic Algorithms	82 (1996)	303-330
Reynolds, D. and J. Gomatam		
Similarities and distinctions in sampling strategies for Ge-		
netic Algorithms (Research Note)	86 (1996)	375–390
Riloff, E.		
An empirical study of automated dictionary construction for		
information extraction in three domains	85 (1996)	101–134
Robin, J. and K. McKeown		
Empirically designing and evaluating a new revision-based		
model for summary generation	85 (1996)	
Rosenbloom, P.S., see Golding, A.R.	87 (1996)	
Rosenschein, J.S., see Ephrati, E.	87 (1996)	
Rosenschein, J.S., see Zlotkin, G.	84 (1996)	
Rosenschein, J.S., see Zlotkin, G.	86 (1996)	195-244
Roth, D.		
On the hardness of approximate reasoning	82 (1996)	
Roth, D., see Khardon, R.	87 (1996)	
Russell, S., see Zilberstein, S.	82 (1996)	181–213
Rymon, R.		
Goal-directed diagnosis—a diagnostic reasoning framework	04 (1006)	255 205
for exploratory-corrective domains	84 (1996)	257–297
Sadeh, N. and M.S. Fox		
Variable and value ordering heuristics for the job shop		
scheduling constraint satisfaction problem	86 (1996)	
Santamaría, J.C., see Ram, A.	90 (1997)	
Santos, E.S., see Santos Jr, E.	86 (1996)	157-170
Santos Jr, E. and E.S. Santos		
Polynomial solvability of cost-based abduction (Research		
Note)	86 (1996)	157–170

Say, A.C.C. and S. Kuru		
Qualitative system identification: deriving structure from be-		
havior	83 (1996)	
Schaeffer, W., see Plaat, A.		255-293
Schaerf, M., see Cadoli, M.	, , ,	215-251
Schaub, T.H., see Delgrande, J.P.	90 (1997)	301-348
Schrag, R. and J.M. Crawford	04 (1006)	100 000
Implicates and prime implicates in Random 3-SAT		199-222
Sebastiani, R., see Bundy, A.	88 (1996)	39- 67
Segre, A.M., G.J. Gordon and C.P. Elkan		
Exploratory analysis of speedup learning data using expec-	07 (1006)	201 210
tation maximization	85 (1996)	301-319
Selman, B. and H.J. Levesque	93 (1006)	250 272
Support set selection for abductive and default reasoning	82 (1996)	259-272
Selman, B. and S. Kirkpatrick		
Critical behavior in the computational cost of satisfiability	91 (1006)	272 205
testing	81 (1996)	213-295
Selman, B., D.G. Mitchell and H.J. Levesque	91 (1006)	17 20
Generating hard satisfiability problems	81 (1996)	17- 29
Sen, A.K. and A. Bagchi		
Graph search methods for non-order-preserving evaluation	96 (1006)	43- 73
functions: applications to job sequencing problems Shahar, Y.	86 (1996)	43- 73
A framework for knowledge-based temporal abstraction	90 (1997)	79-133
Shallice, T., see Cooper, R.	85 (1996)	
Simonet, G.	65 (1990)	3- 44
On Sandewall's paper: Nonmonotonic inference rules for		
multiple inheritance with exceptions (Research Note)	86 (1996)	350_374
Smith, B.M. and M.E. Dyer	00 (1990)	339-314
Locating the phase transition in binary constraint satisfaction		
problems	81 (1996)	155-181
Srinivasan, A., S.H. Muggleton, M.J.E. Sternberg and R.D.	01 (1990)	155-161
King		
Theories for mutagenicity: a study in first-order and feature-		
based induction	85 (1996)	277-299
Steinberg, L. and N. Langrana	(1)))	
EVEXED and MEET for mechanical design: testing struc-		
tural decomposition and constraint propagation	84 (1996)	37- 56
Sternberg, M.J.E., see Srinivasan, A.	85 (1996)	
Stolzenburg, F., see Baumgartner, P.	90 (1997)	
Tennenholtz, M., see Moses, Y.	83 (1996)	229-239
Thielscher, M.	(1))0)	
Ramification and causality	89 (1997)	317-364
Uzcátegui, C., see Lobo, J.	89 (1997)	
Ozcategui, C., see Looo, J.	05 (1997)	149-1/1

Valdés-Pérez, R.E.		
A new theorem in particle physics enabled by machine dis-		
covery (Research Note)		331-339
Van Beek, P., see Kondrak, G.		365-387
Velardi, P., see Basili, R.	85 (1996)	59- 99
Vila, L. and H. Reichgelt		
The token reification approach to temporal reasoning	83 (1996)	59- 74
Vreeswijk, G.A.W.		
Abstract argumentation systems	90 (1997)	225–279
Walker, M.A.		
The effect of resource limits and task complexity on collab-		
orative planning in dialogue	85 (1996)	181-243
Walley, P.		
Measures of uncertainty in expert systems		1- 58
Walsh, T., see Bundy, A.	88 (1996)	39- 67
Walsh, T., see Gent, I.P.	, ,	59- 80
Walsh. T., see Gent, I.P.	88 (1996)	349-358
Weld, D.S., see Etzioni, O.	89 (1997)	113-148
Whitney, D., S. Rana, J. Dzubera and K. Mathias		
Evaluating evolutionary algorithms	85 (1996)	245-276
Williams, C.P., see Hogg, T.	81 (1996)	1- 15
Xiang, Y. A probabilistic framework for cooperative multi-agent distributed interpretation and optimization of communication	87 (1996)	295_342
tion	67 (1990)	275-542
Yang, Q., see Fink, E.	89 (1997)	285-315
Zhang, N.L.		
Irrelevance and parameter learning in Bayesian networks		
(Research Note)	88 (1996)	359-373
Zhang, W. and R.E. Korf		
A study of complexity transitions on the asymmetric travel-		
ing salesman problem	81 (1996)	223-239
Zhang, W., see Pemberton, J.C.	81 (1996)	297-325
Zilberstein, S. and S. Russell		
Optimal composition of real-time systems	82 (1996)	181-213
Zimmer, R.M., see Holte, R.	85 (1996)	321-361
Zlotkin, G. and J.S. Rosenschein		
Compromise in negotiation: exploiting worth functions over		
states	84 (1996)	151-176
Zlotkin, G. and J.S. Rosenschein		
Mechanism design for automated negotiation, and its appli-		
cation to task oriented domains	86 (1996)	195-244